In The Claims:

1. (Currently amended) A prescription method of treating tissue comprising the steps of:

~~first~~ accepting a tissue treatment plan for the tissue to be treated, which treatment plan specifies a number of, and a spacing of, treatment seeds, said treatment seeds to be provided in a strand;

~~second~~ creating a treatment strand by threading a material through a bore through the treatment seeds ~~onto a material~~; and

~~third~~ fixing the seeds at intervals on the material, wherein at least some of the intervals can be independently set to a desired length.

2. (Currently amended) The method of claim 1 wherein:

said ~~thread~~ fixing step is performed by crimping the material between adjacent treatment seeds, wherein the crimping prevents displacement of the treatment seeds on the treatment strand.

3. (Currently amended) The method of claim 1 wherein:

~~wherein~~ said ~~first~~ accepting step includes accept[[s]]ing a treatment plan that specifies a plurality of radioactive seeds and an optimal spacing[[s]] between ~~each pair of~~ adjacent seeds and around each of two end seeds; and

wherein said ~~second~~ creating step includes create[[s]]ing strands to said ~~the~~ ~~specified~~ ~~optimal~~ spacings ~~prescribed~~.

4. (Cancelled)

5. (Currently amended) The method of claim [[4]] 1 wherein:

said ~~first~~ accepting step includes accept[[s]]ing a treatment plan created using an imaging device.

6. (Currently amended) The method of claim 1 wherein:

said ~~first~~ accepting step includes accept[[s]]ing a treatment plan created using a software program to specify intervals between adjacent seeds ~~positions~~.

7. The method of claim 1 wherein the method further comprises, ~~after~~ the fixing step[[,]] including a heating step, wherein the heating step causes the material to expand and fix the seeds in place.

8. (New) A prescription method of treating tissue comprising the steps of:

accepting a tissue treatment plan for the tissue to be treated, said treatment plan specifying a number and a spacing pattern of a plurality of treatment seeds to be provided on a treatment strand, each of said treatment seeds having a bore therethrough;

creating the treatment strand by threading a material through the bore through the treatment seeds, said creating step being carried out with reference to, and according to, the number and the spacing pattern of the tissue treatment plan; and

crimping the material near the ends of the treatment seeds at intervals on the material, wherein said crimping shapes the material so that the material prevents displacement of the treatment seeds along the treatment strand.

9. (New) The method as in claim 8 wherein the method further includes, after the crimping step, the step of heating the strand wherein the heating step causes the material to expand and further fix the treatment seeds in position on the strand.